Network Working Group

Request for Comments #71

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UCLA -CCN

Reallocation in Case of Input Error

In case of reading a message from the IMP, it may be impossible for the receiving NCP to determine the length of the message if an input error occurs. The following protocol will be used at the CCN-Host at UCLA to resynchronize flow control.

If an input error is detected and the NCP can find the intended link number, it will send a GVB with frac = 0 to the sending Host and disregard further incoming messages on that link. When the RET has been received, a new ALL will be sent.

If the sending Host is not waiting for a RFNM when the GVB arrives, it will send the RET immediately. If it is waiting for a RFNM corresponding to the message with the error or a RFNM corresponding to a following message, it will send the RET after the RFNM has been received.

In this way, the receiving Host will know that the link is clear before it issues a new ALL.

TS/rb.